

Figure 1

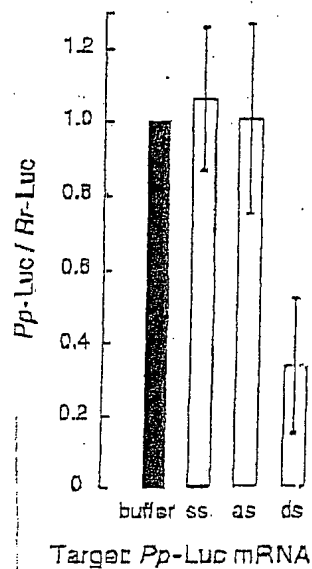


Figure 2A



Figure 2B

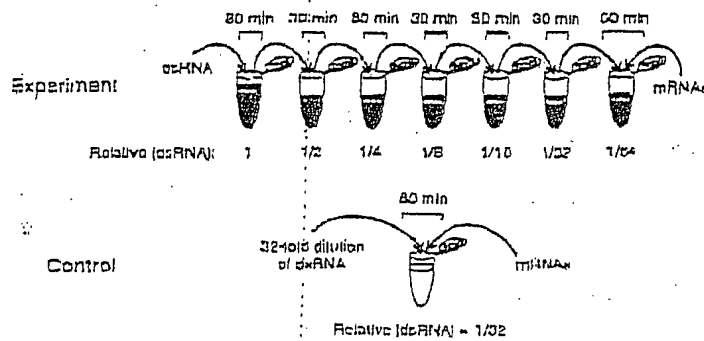


Figure 3A

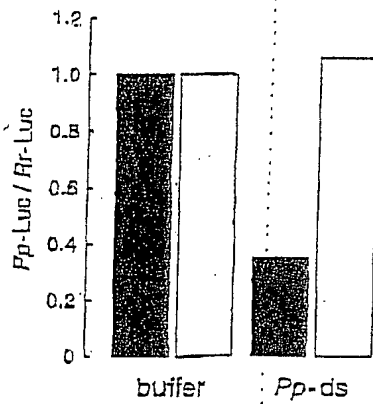


Figure 3B

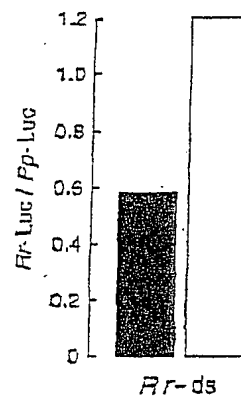


Figure 3C

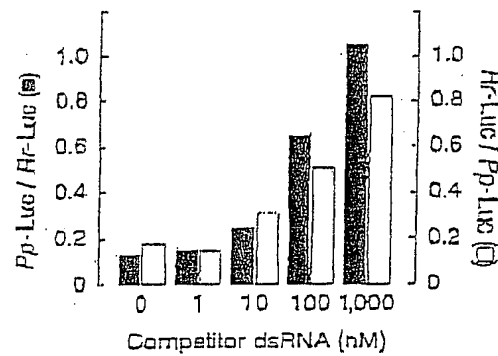


Figure 4

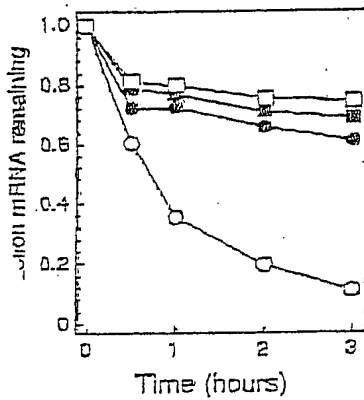


Figure 5A

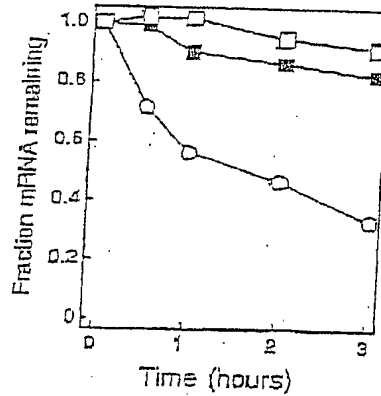


Figure 5B

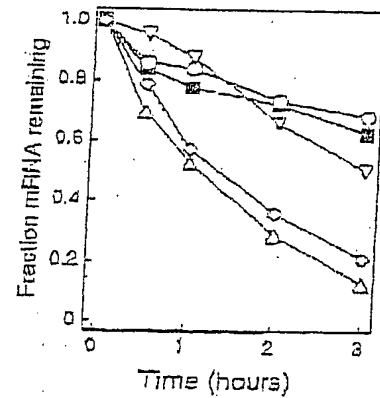


Figure 5C

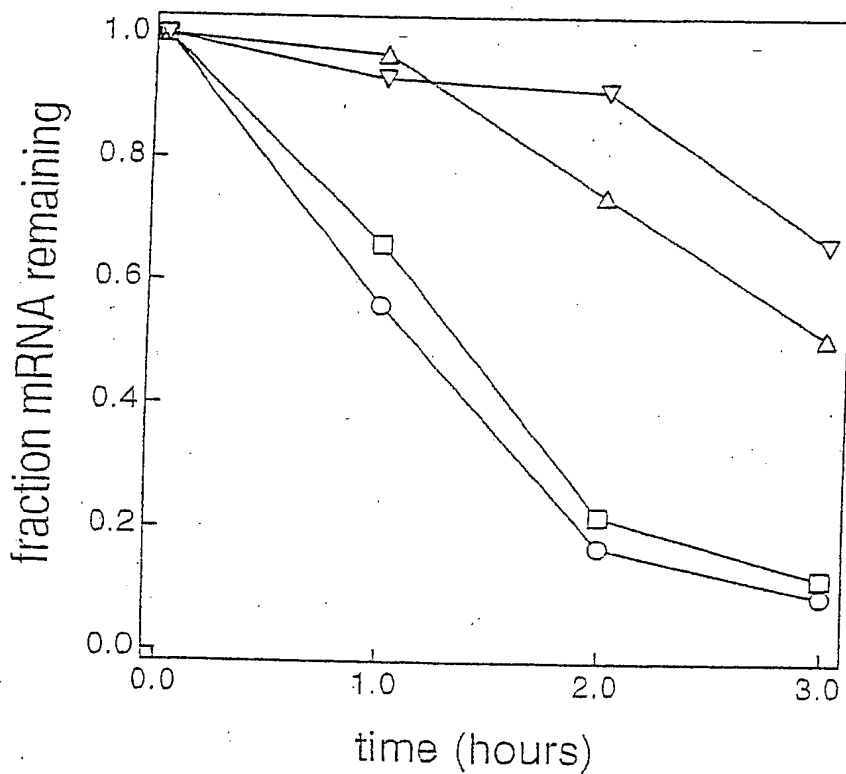


Figure 6

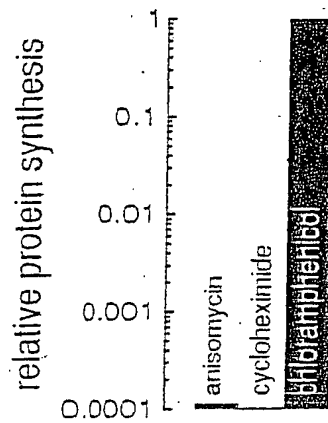


Figure 7A

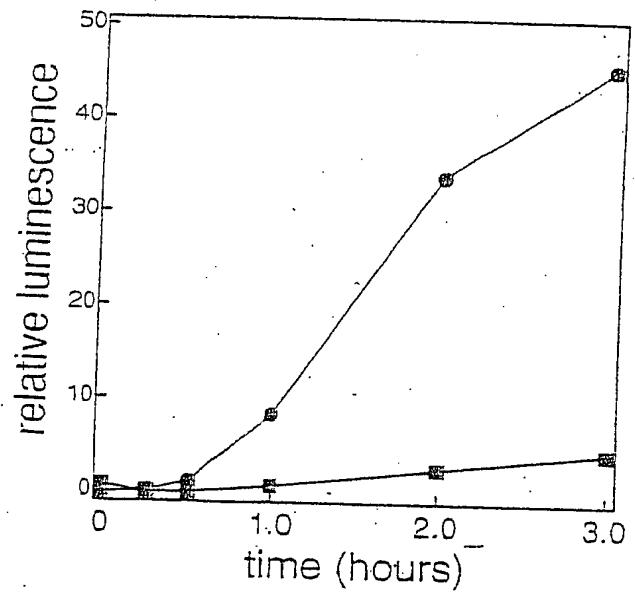


Figure 7B

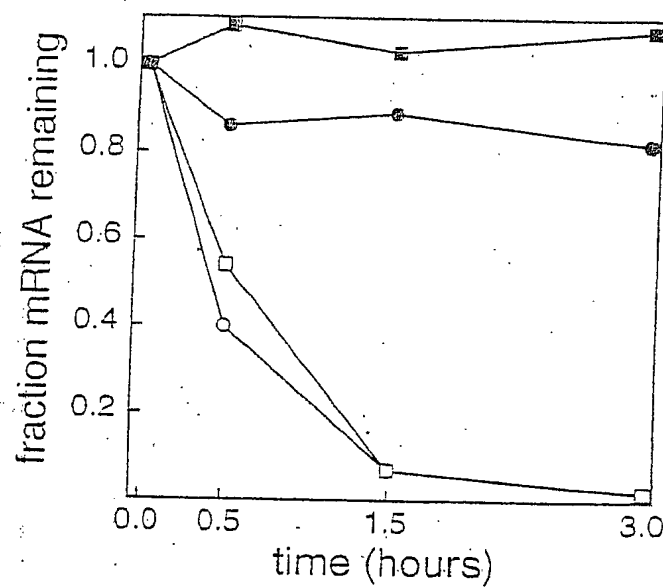


Figure 7C

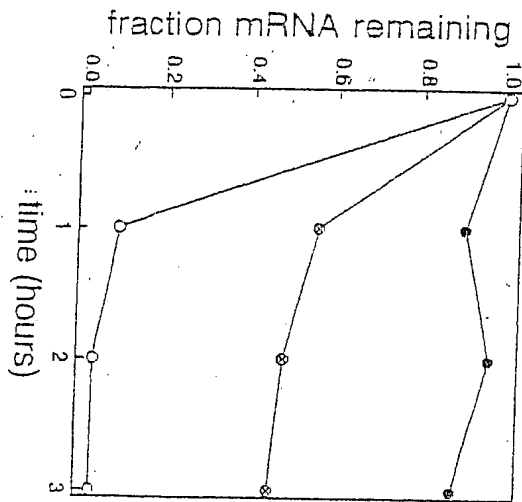


Figure 8A

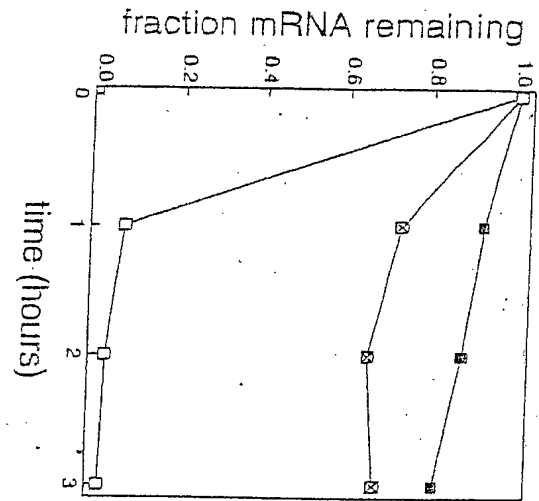


Figure 8B

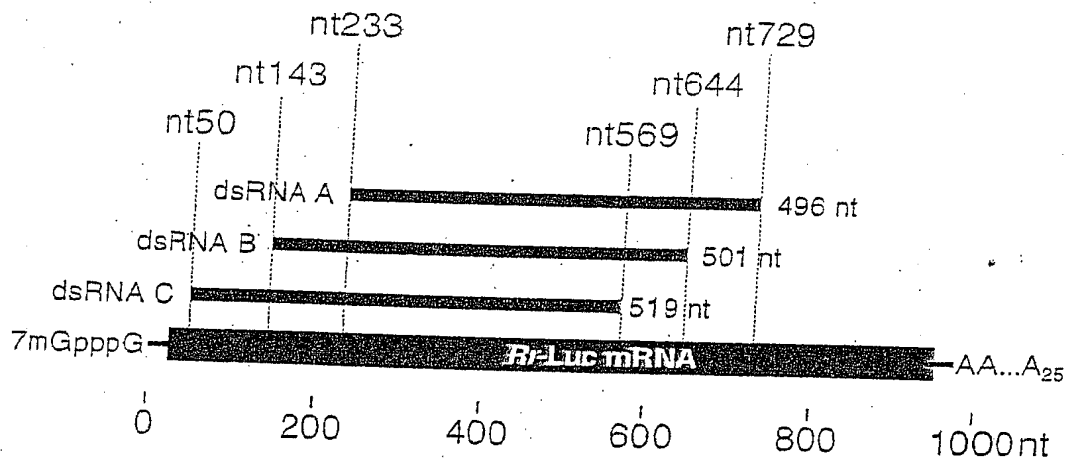


Figure 9

00001000 000000

Figure 10

7mGpppGAAUACAAGCUUGGGCCUAGCCACCAUGACUUCGAAAGUUUAUGAUCC
 AGAACAAAGGAAACGGAUGAUACUGGUCCGCAGUGGUGGGCCAGAUG
 UAAACAAUGAAUGUUCUUGAUUCAUUUAUUAAUUUAUUGAUUCAGAAA
 ACAUGCAGAAAUGCUGUUAUUUUUUACAUGGUAACGCGGCCUCUU
 CUUAUUUAUGGCGACAUGUUGUGCCACAUUUUGAGCCAGUAGCGCGGU
 GUUUUAUACCAGACCUUAUUGGUAU...

Sequence-specific gene silencing by 21-23 nt fragments

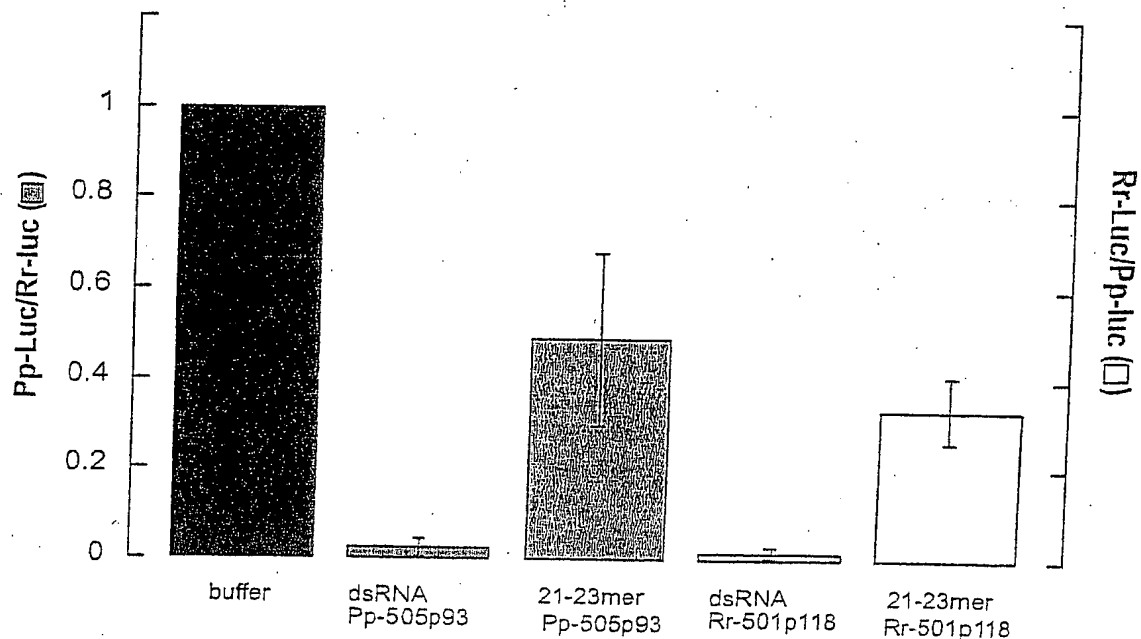


Figure 12

[illegible]

Figure 11

[illegible]

Figure 13A

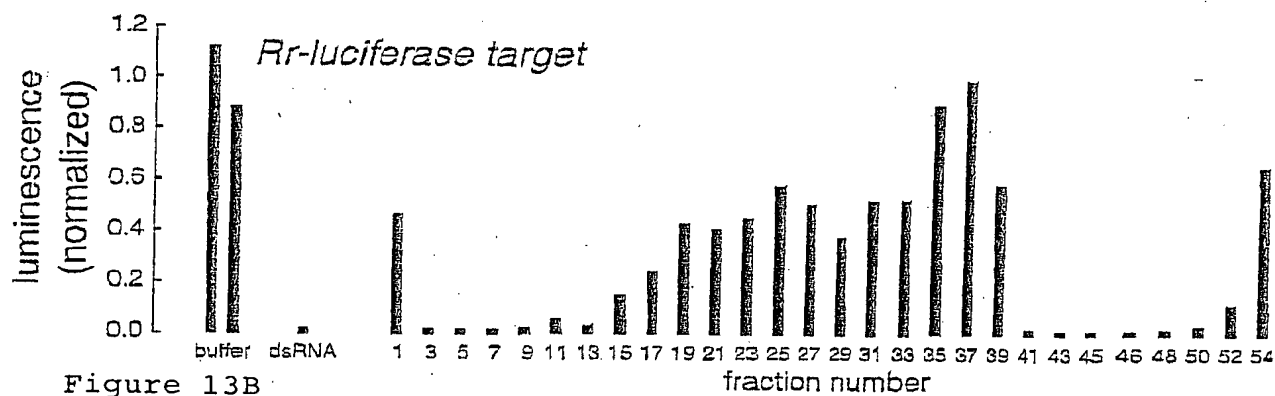
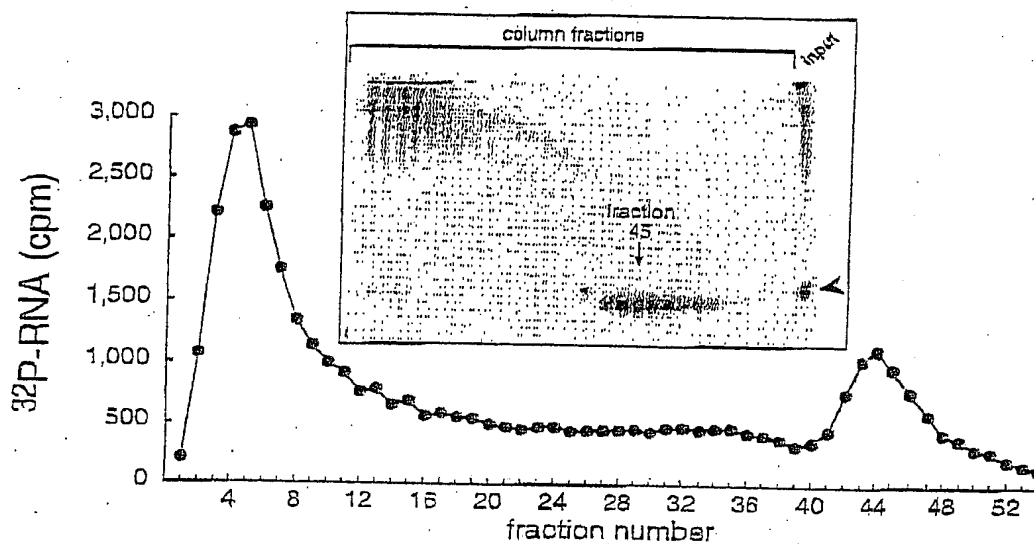


Figure 13B

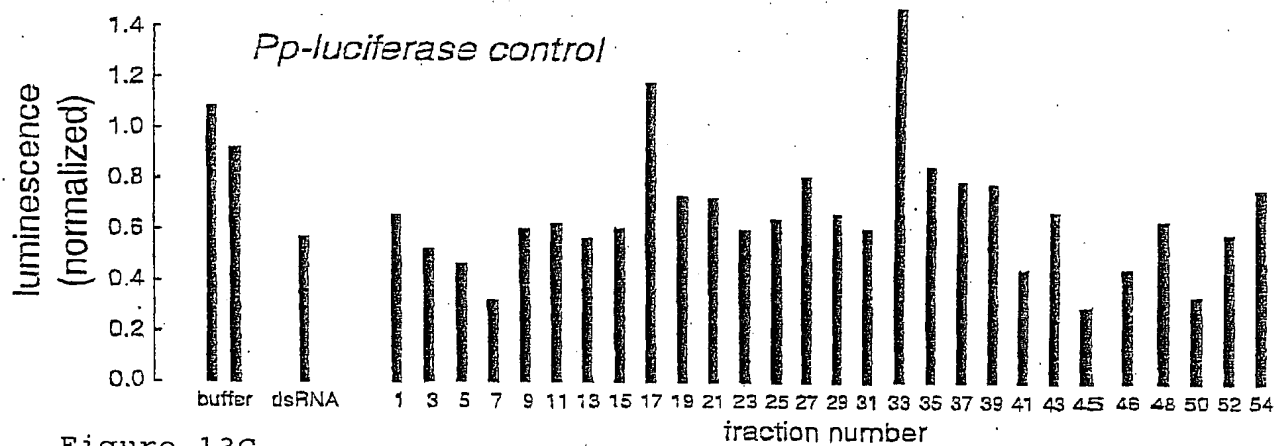


Figure 13C

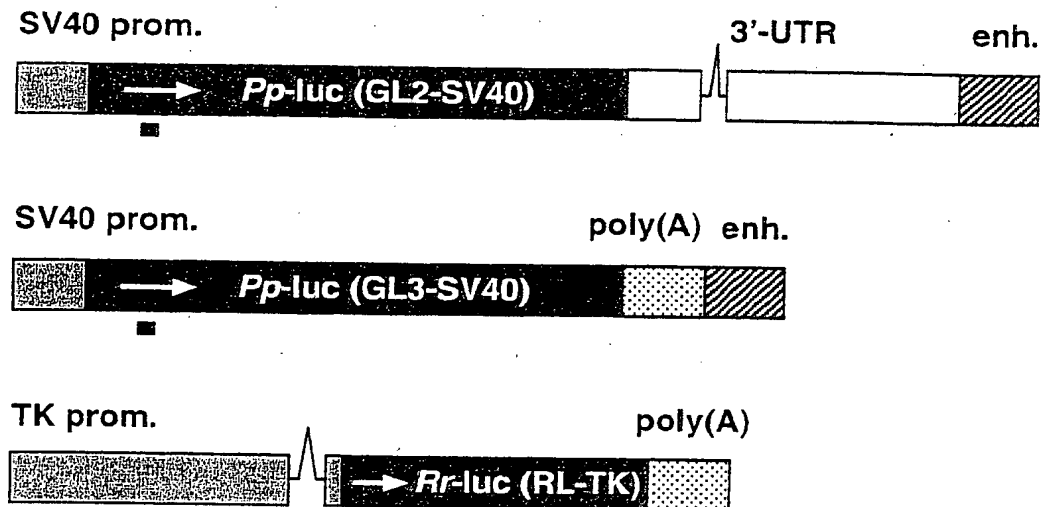


Figure 14A

siRNA
duplex

uGL2	5' CGUACGCGGAAUACUUCGAUU UUGCAUGCGCCUUAUGAAGCU 5'
GL2	5' CGUACGCGGAAUACUUCGATT TTGCAUGCGCCUUAUGAAGCU 5'
GL3	5' CUUACGCGAGUACUUCGATT TTGAAUGCGACUCAUGAAGCU 5'
invGL2	5' AGCUUCAUAAGGCGCAUGCTT TTUCGAAGUAUCCGCGUACG 5'
RL	5' AAACAUGCAGAAAAUGCUGTT TTUUUGUACGUCUUUUACGAC 5'

Figure 14B

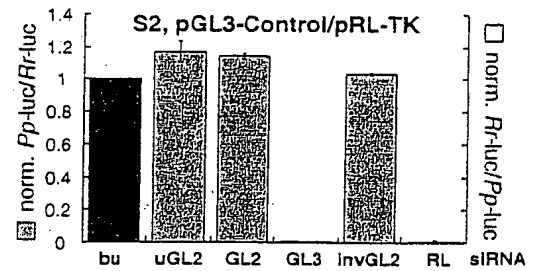
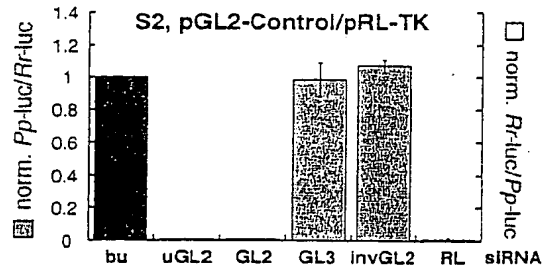


Figure 15A

Figure 15B

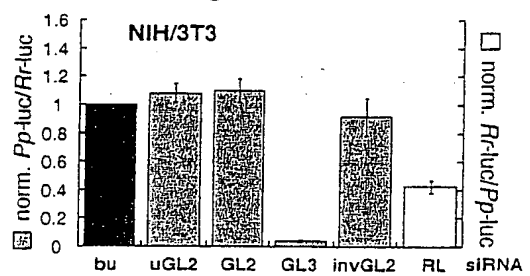
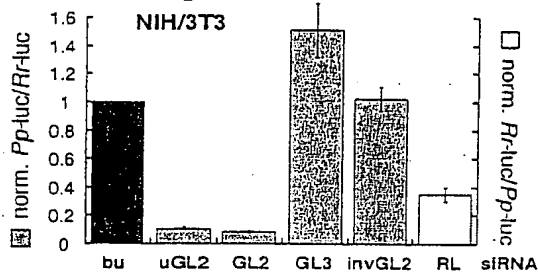


Figure 15C

Figure 15D

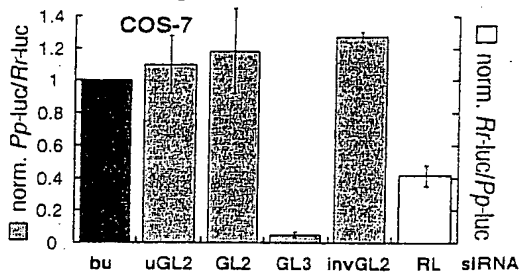
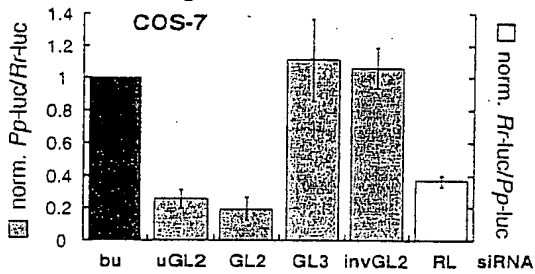


Figure 15E

Figure 15F

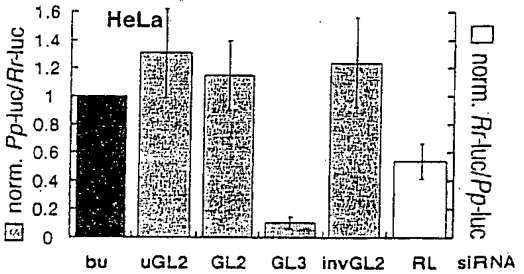
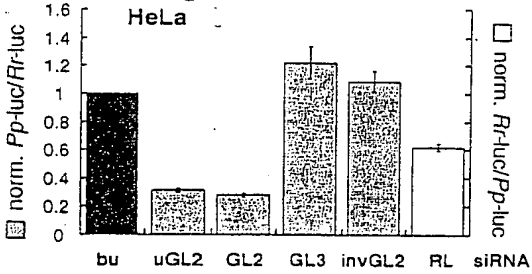


Figure 15G

Figure 15H

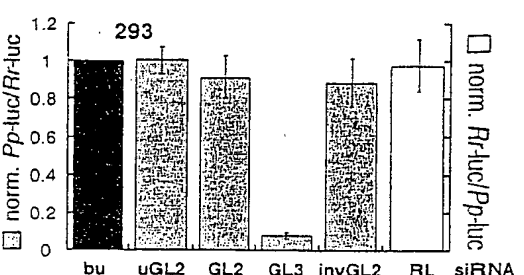
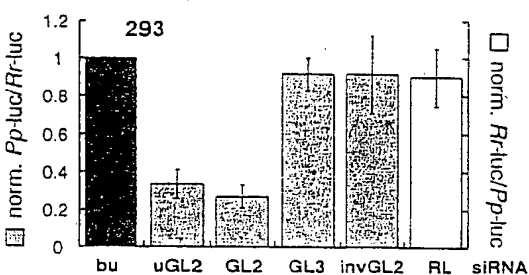


Figure 15I

Figure 15J

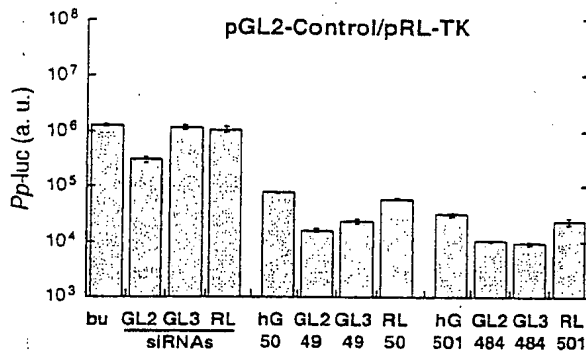


Figure 16A

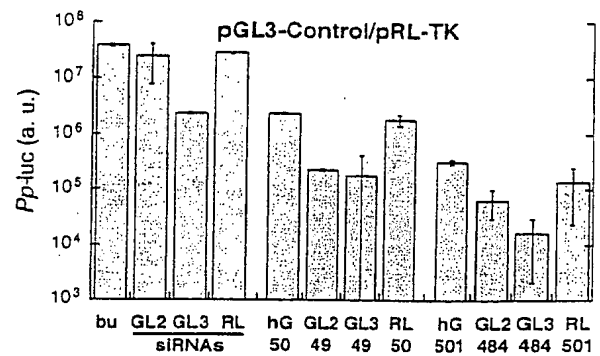


Figure 16B

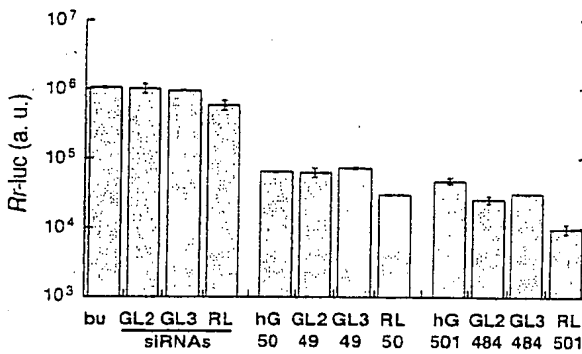


Figure 16C

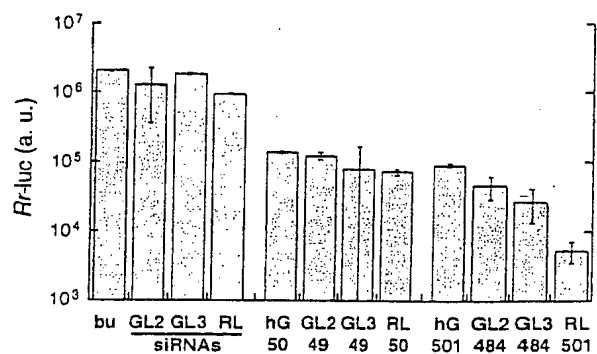


Figure 16D

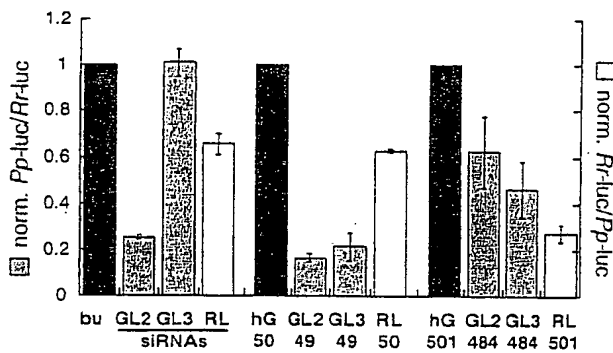


Figure 16E

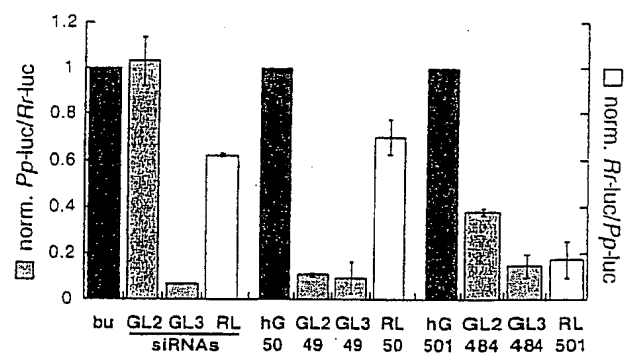


Figure 16F